

CLAIMS

We claim:

Self A

1 A method comprising:
2 creating a user profile database;
3 obtaining new information;
4 identifying a user profile from the user profile database in response to
5 the new information;
6 identifying a delivery mechanism in response to the user profile; and
7 delivering a notice in response to the user profile.

1 2. The method of claim 1 further comprising:
2 receiving the user profile including a registration request and a
3 criterion of customization from the user; and
4 storing the user profile in the user profile database.

1 3. The method of claim 1, wherein obtaining new information
2 includes receiving the new information from a communication network.

1 4. The method of claim 1, wherein identifying a delivery mechanism
2 includes selecting a Short Messaging Service ("SMS") of Global System for
3 Mobiles for the delivery mechanism in response to the user profile.

1 5. The method of claim 1, wherein the identifying a delivery
2 mechanism includes selecting Simple Mail Transfer Protocol ("SMTP") for
3 the delivery mechanism in response to the user profile.

1 6. The method of claim 1, wherein delivering of intelligent notice
2 includes sending a notice in a secure manner.

1 7. The method of claim 1, wherein delivering an intelligent notifice
2 includes sending a notice that is customized according to criterion stored in
3 the user profile database.

1 8. A system for sending a customized notice comprising:
2 a processor;
3 a memory, coupled to the processor, to store a notification agent,
4 wherein the notification agent maintains a plurality of user
5 profiles and each user profile contains a plurality of criteria for
6 customizing the notice, wherein during execution, the notification
7 agent performs:
8 obtaining new information;
9 identifying a corresponding user profile associate with the new
10 information;
11 identifying a delivery mechanism in response to the
12 corresponding user profile; and
13 utilizing the delivery mechanism to send a notice in response to
14 the user profile.

1 9. The system of claim 8, wherein the new information is digital
2 information.

1 10. The system of claim 8, wherein the new information is an
2 electronic mail capable of traveling across a communication network.

1 11. The system of claim 8, wherein the user profile contains at least a
2 user name, a list of notification criteria, and a list of delivery mechanisms.

1 12. The system of claim 8, wherein the customized notice is a secured
2 notice in response to the corresponding user profile.

1 13. The system of claim 8, wherein the customized notice is
2 receivable by a mobile unit.

1 14. The system of claim 13, wherein the mobile unit is a cellular
2 phone.

1 15. An article of manufacture for use in an intelligent notification
2 system for storing an intelligent agent, the article of manufacture comprising
3 a machine readable medium having machine readable program code
4 embodied in the medium, the program code comprising:
5 creating a user profile database;
6 obtaining new information;
7 identifying a user profile from the user profile database in response to
8 the new information;
9 identifying a delivery mechanism in response to the user profile; and
10 delivering a notice in response to the user profile.

1 16. An article of manufacture of claim 15, the program code further
2 comprising:

3 receiving a user profile including a registration request and criterion
4 of customization from the user; and
5 storing the user profile in the user profile database.

1 17. The article of manufacture of claim 15, the program code wherein
2 the new information is transmitted over communication network.

1 18. The article of manufacture of claim 15, the program code wherein
2 the identifying a delivery mechanism includes selecting Short Messaging
3 Service ("SMS") of Global System for Mobiles for the delivery mechanism in
4 responds to the user profile.

1 19. The article of manufacture of claim 15, the program code wherein
2 the identifying a delivery mechanism includes selecting Simple Mail Transfer
3 Protocol ("SMTP") for delivery mechanism in responds to the user profile.

1 20 An apparatus:
2 means for creating a user profile database;
3 means for obtaining new information;
4 means for identifying a user profile from the user profile database in
5 response to the new information;
6 means for identifying a delivery mechanism in response to the user
7 profile; and
8 means for delivering a notice in response to the user profile.

1 21. The apparatus of claim 20 further comprising:
2 means for receiving a user profile including a registration requests
3 and criterion of customization from the user; and
4 means for storing the user profile in the user profile database.

1 22. The apparatus of claim 20, wherein the means for obtaining new
2 information includes means for receiving the new information from a
3 communication network.

1 23. The apparatus of claim 20, wherein the means for identifying a
2 delivery mechanism includes means for selecting Short Messaging Service
3 ("SMS") for the delivery mechanism in responds to the user profile.

1 24. The apparatus of claim 20, wherein the means for identifying a
2 delivery mechanism includes means for selecting Simple Mail Transfer
3 Protocol ("SMTP") for delivery mechanism in responds to the user profile.

1 25. The apparatus of claim 20, wherein the means for delivering an
2 intelligent notice includes means for sending a secured notification.

1 26. The apparatus of claim 20, wherein the means for delivering an
2 intelligent notice includes means for sending a notice that is customized
3 according to criterion stored in the user profile database.